ECS Configuration Change Request

CCR No. 96-0954	**Logged Date** 8/15/96	**Rev.** -	**Request Type** CCR

Priority Routine [x] Urgent [ ] Emergency [ ]	**Affected Release** A1	**Change Class** II

Title (description) FOS Release A RTM Update - Part 5
Add New Release A Level 4 Submnemonic Requirements for Command Subsystem

Documents Affected	**Source Nos** (RID, NCR, Action Item, GSFC CCR, etc.) **or Tech Reference**
	Cindi Adams - NASA FOS System Engineer AC-96-0437

RTM Change [X]   **Start New Baseline** [ ]

Problem
Level 4 Requirements need to be added to specify providing submnemonics for discrete states (up to 8) and reverse EU per 3rd order polynomial.

Proposed Solution
Modify design of Command subsystem to accommodate submnemonics that require reverse EU calculation to binary bit patter (discrete state processing is already in current design).

Modify Level 4 Requirements accordingly (Attachment 1 - Add new L4 requirement; Attachment 2 - Add RBR/L4 Link; Attachment 3 - Add FOS Test Class Link to Level 4; Attachment 4 - Add Component Class Link to L4)

Impact Analysis:

Organizations Affected:

BOO [ ]	Contracts [ ]	ESO [ ]	FOS [x]	M&O [ ]
QA [ ]	Rel. A [ ]	Rel. B [ ]	Rel. IR1 [ ]	MRS [ ]	SMO [ ]	Subconts [ ]

A.1 [ ]   Other _____

Cost:	None [x]	Small [ ]	Medium [ ]	Large [ ]
		(Not exceeding $100,000)	($100,000 to $500,000)	(Over $500,000)

Schedule: None [x]   Other

Additional LOC _____   Man-Months _____

Materials

Originator Andy Miller   (signed) Andy Miller   8/14/96
Signature   Date

Office FOS   Office Manager (signed) Debbie Dunn 8/14/96
Signature   Date

Disposition   Approved [X]   Approved w/Comment [ ]   Forward [ ]   Disapproved [ ]

Comments:

CCB Chairperson   (signed) R. E. Clinard   8/23/96
Signature   Date

ECS